

## Product datasheet for **MR223641L4V**

### Hes7 (NM\_033041) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hes7 (NM_033041) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hes7
Synonyms:	bHLHb37
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033041
ORF Size:	675 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223641).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_033041.4</a> , <a href="#">NP_149030.2</a>
RefSeq Size:	964 bp
RefSeq ORF:	678 bp
Locus ID:	84653
UniProt ID:	<a href="#">Q8BKT2</a>
Cytogenetics:	11 42.38 cM



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**Gene Summary:**

Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation.[UniProtKB/Swiss-Prot Function]